



(REFERENCE COPY - Not for submission)

Amendment to a DTV Engineering STA Application

File Number: **0000116740** | Submit Date: **07/09/2020** | Call Sign: **WGTV** | Facility ID: **23948** | FRN: **0001844976** | State: **Georgia** | City: **ATHENS**
Service: **DTV** | Purpose: **Engineering STA Amendment** | Status: **Granted** | Status Date: **07/13/2020** | Expiration Date: **01/07/2021** | Filing Status: **InActive**

General Information

Section	Question	Response
---------	----------	----------

Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION Doing Business As: GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION	Elizabeth Moylan Laprade 260 14TH ST NW ATLANTA, GA 30318 United States	+1 (404) 685-2619	elaprade@gpb.org	Government Entity

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

**Contact
Representatives
(2)**

Contact Name	Address	Phone	Email	Contact Type
Margaret L. Miller Gray Miller Persh LLP	1200 New Hampshire Ave., NW Suite 410 Washington, DC 20036 United States	+1 (202) 776- 2914	mmiller@graymillerpersh. com	Legal Representative
Ryan Wilhour <i>Consulting Engineer</i> Kessler and Gehman Associates, Inc.	507 NW 60th St STE D Gainesville, FL 32607 United States	+1 (352) 332- 3157	ryan@kesslerandgehman. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	23948
	State	Georgia
	City	ATHENS
	DTV Channel	7
	Designated Market Area	ATLANTA
Facility Type	Facility Type	Noncommercial Educational
	Station Type	Main
Zone	Zone	2

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1018776
Coordinates (NAD83)	Latitude	33° 48' 18.0" N+
	Longitude	084° 08' 40.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	123.0 meters
	Support Structure Height	95.1 meters
	Ground Elevation (AMSL)	496.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	76.2 meters
	Height of Radiation Center Above Average Terrain	294.8 meters
	Height of Radiation Center Above Mean Sea Level	572.6 meters
	Effective Radiated Power	48 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007058
Antenna Manufacturer and Model	Manufacturer:	Jampro
	Model	JSM-4 / 7 SHO-V-R
	Rotation	334 degrees
	Electrical Beam Tilt	0.0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.000	90	0.639	180	0.618	270	0.643
10	0.995	100	0.591	190	0.613	280	0.696
20	0.979	110	0.557	200	0.599	290	0.757
30	0.952	120	0.542	210	0.579	300	0.816
40	0.915	130	0.544	220	0.558	310	0.869
50	0.869	140	0.558	230	0.544	320	0.915
60	0.816	150	0.579	240	0.542	330	0.952
70	0.757	160	0.599	250	0.557	340	0.979
80	0.696	170	0.613	260	0.591	350	0.995

Additional Azimuths

Degree	V _A
--------	----------------

Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).</p>	
	<p>The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.</p> <p>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Elizabeth Laprade <i>Chief Financial Officer</i></p> <p>07/09/2020</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
Amendment.txt	Applicant	Amendment	The instant amendment increases the ERP from 17.3kW to 48kW. No other Changes are proposed.
WGTV Engineering STA Narrative.pdf	Applicant	General Information	WGTV Engineering STA Narrative